

Claims

1. (Currently amended) A method for integrating a third-party system with an online meeting system, the method comprising:
 - providing a service provider interface (SPI) defining a plurality of procedures for communicating with a meeting services application of the online meeting system;
 - implementing one of the procedures of the SPI in a third-party software module of the third-party system, the third-party software module performing, when executed, a meeting-related operation customized in accordance with the third-party system;
 - installing the third-party software module as a plug-in to the meeting services application; and
 - receiving, from the meeting services application, a call to the implemented SPI procedure of the installed third-party software module to perform the meeting-related operation, thereby integrating the meeting-related operation, customized in accordance with the third-party system, into the online meeting system.
2. (Original) The method of claim 1, wherein the called SPI procedure notifies the software module of a proposed transaction of an event in the online meeting system to enable the software module to perform the meeting-related operation before the event occurs.
3. (Original) The method of claim 2, further comprising prohibiting the occurrence of the event in response to performing the meeting-related operation implemented by the called SPI procedure.

- 1 4. (Original) The method of claim 3, further comprising redirecting by the
2 called SPI procedure a user of the online meeting system to an error page
3 in response to prohibiting the event.
- 1 5. (Previously presented) The method of claim 2, further comprising
2 modifying meeting-related information associated with the proposed
3 transaction of an event in response to performing the meeting-related
4 operation implemented by the called SPI procedure.
- 1 6. (Original) The method of claim 1, wherein the called SPI procedure
2 notifies the software module of an event that has occurred in the online
3 meeting system to enable the software module to perform the meeting-
4 related operation in response to the occurrence of that event.
- 1 7. (Original) The method of claim 1, further comprising installing a new
2 software module that implements one of the SPI procedures, and
3 dynamically integrating the new software module to the meeting services
4 application without stopping the online meeting system.
- 1 8. (Previously presented) The method of claim 1, wherein the call to the
2 implemented SPI procedure occurs in response to receiving a user
3 request to create, edit, or delete a meeting.
- 1 9. (Previously presented) The method of claim 1, wherein the call to the
2 implemented SPI procedure occurs in response to detecting a state
3 change of a running meeting.
- 1 10. (Previously presented) The method of claim 1, further comprising defining
2 a first class that implements the SPI and a second class that extends the
3 first class and implements the called SPI procedure that performs the
4 customized meeting-related operation.

1 11. (Currently amended) An online meeting system, comprising a server
2 system having memory for storing program code and a processor for
3 executing the program code, the program code including:

4 a meeting services application for providing online meeting services
5 for users communicating with the online meeting system over a network
6 connection;

7 a service provider interface (SPI) defining a plurality of procedures
8 for communicating with the meeting services application; and

9 a third-party software module of a third-party system
10 implementing one of the procedures of the SPI to perform a meeting-
11 related operation customized in accordance with the third-party system
12 when the procedure is called by the meeting services application, the
13 third-party software module being installed in the memory as a plug-in to
14 the meeting services application.

1 12. (Original) The online meeting system of claim 11, wherein the
2 implemented SPI procedure, when called, notifies the software module of
3 a proposed transaction of an event in the online meeting system to
4 enable the software module to perform the meeting-related operation
5 before the event occurs.

1 13. (Original) The online meeting system of claim 12, wherein the
2 implemented SPI procedure includes program code for throwing an
3 exception to prohibit the occurrence of the event in response to
4 performing the meeting-related operation.

1 14. (Original) The online meeting system of claim 11, wherein the called SPI
2 procedure notifies the software module of an event that has occurred in

the online meeting system to enable the software module to perform the meeting-related operation in response to the occurrence of that event.

15. (Original) The online meeting system of claim 11, wherein the server system includes a means of storing software modules to be integrated in the online meeting system, and wherein the meeting services application periodically accesses the storage means to install dynamically any software module newly added to the storage means without stopping the online meeting system.

16. (Original) The online meeting system of claim 11, further comprising program code defining a first class that implements the plurality of procedures of the SPI and a second class that extends the first class and provides a customized implementation of one of the SPI procedures defined in the first class.

17. (Currently amended) An apparatus for integrating a third-party system with an online meeting system, the apparatus comprising:

means for providing a service provider interface (SPI) defining a plurality of procedures for communicating with a meeting services application of the online meeting system;

means for implementing one of the procedures of the SPI in a third-party software module of the third-party system, the third-party software module performing, when executed, a meeting-related operation customized in accordance with the third-party system, the third-party software module being installed as a plug-in to the meeting services application; and

means for receiving, from the meeting services application, a call to the implemented SPI procedure of the third-party software module to perform the meeting-related operation, and thereby to integrate the

meeting-related operation, customized in accordance with the third-party system, into the online meeting system.

18. (Previously presented) The apparatus of claim 17, wherein the means for receiving the call to the implemented SPI procedure includes means for notifying the software module of a proposed transaction of an event in the online meeting system to enable the software module to perform the meeting-related operation before the event occurs.

19. (Previously presented) The apparatus of claim 18, wherein the means for receiving the call to the implemented SPI procedure includes means for prohibiting the occurrence of the event in response to performing the meeting-related operation.

20. (Original) The apparatus of claim 17, further comprising means for defining a first class that implements the plurality of procedures of the SPI and a second class that extends the first class and provides a customized implementation of one of the SPI procedures defined in the first class.

21. (Currently amended) A computer program product for use with a computer system, the computer program product comprising a computer readable storage medium having embodied therein program code comprising:

program code for providing a service provider interface (SPI) defining a plurality of procedures for communicating with a meeting services application of an online meeting system;

program code for implementing one of the procedures of the SPI in a third-party software module of a third-party system, the third-party software module performing, when executed, a meeting-related operation

11 customized in accordance with the third party system, the third-party
12 software module being installed as a plug-in to the meeting services
13 application; and

14 program code for receiving, from the meeting services application,
15 a call to the implemented SPI procedure of the third-party software
16 module to perform the meeting-related operation, and thereby to
17 integrate the meeting-related operation, customized in accordance with
18 the third-party system, into the online meeting system.

1 22. (Currently amended) The computer program product of claim 21, wherein
2 the program code for ~~for~~ receiving the call to the implemented SPI
3 procedure includes program code for notifying the software module of a
4 proposed transaction of an event in the online meeting system to enable
5 the software module to perform the meeting-related operation before the
6 event occurs.

1 23. (Currently amended) The computer program product of claim 22, wherein
2 the program code for ~~for~~ receiving the call to the implemented SPI
3 procedure includes program code for prohibiting the occurrence of the
4 event in response to performing the meeting-related operation.

1 24. (Original) The computer program product of claim 21, further comprising
2 program code for defining a first class that implements the plurality of
3 procedures of the SPI and a second class that extends the first class and
4 provides a customized implementation of one of the SPI procedures
5 defined in the first class.

1 25-28. (Canceled)